

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

RECEIVED
APR 15 1999
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of

Filing and Review of Open Network
Architecture Plans

CC Docket No. 88-2

PACIFIC BELL AND NEVADA BELL
ANNUAL REPORT ON OPEN NETWORK ARCHITECTURE

ROBERT M. LYNCH
ROGER TOPPINS
MICHAEL J. ZPEVAK
JEFFREY B. THOMAS

One Bell Plaza
208 South Akard Street
Room 3043
Dallas, Texas 75202
(214) 464-4490

Attorneys for Pacific Bell
and Nevada Bell

Date: April 15, 1999

No. of Copies rec'd 0
List A B C D E

SUMMARY

Our annual Open Network Architecture ("ONA") report provides the following information requested by the Commission:

- deployment of ONA services expressed as a percentage of access lines capable of providing each initial ONA service on both system-wide and market-area bases for 1998;
- projections of the percentage of access lines capable of providing each initial ONA service on both system-wide and market-area bases for 1999, 2000, and 2001;
- requests for new services and their disposition;
- disposition of ONA service requests previously deemed infeasible;
- BSEs used in providing our own enhanced services;
- ONA services available through the technologies of SS7, ISDN and IN;
- unbundling of new technologies;
- projections of SS7, ISDN and IN deployment by percentage of access lines, system-wide and by market area;
- report on activity regarding the implementation of technical and long-term uniformity issues that have been resolved through the NIAC (formerly IILC) process;
- progress on the provision of billing information;
- progress on the development and implementation of ESP access to OSS services; and
- progress on the uniform provision of OSS services.

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of

Filing and Review of
Open Network Architecture Plans

CC Docket No. 88-2
Phase I

PACIFIC BELL AND NEVADA BELL
ANNUAL REPORT ON OPEN NETWORK ARCHITECTURE

Pacific Bell and Nevada Bell, subsidiaries of SBC Communications, Inc., file this annual report in compliance with the Commission's Further ONA Amendment Order.¹ In the attached appendices, we often generally refer to Pacific Bell and Nevada Bell together as "Pacific Companies."

I. REPORTING REQUIREMENTS

A. ANNUAL PROJECTED DEPLOYMENT SCHEDULES

The Further ONA Amendment Order requires that each BOC continue to report, on a rolling basis, three-year annual deployment schedules. These schedules must

¹ In the Matter of Filing and Review of Open Network Architecture Plans, CC Docket No. 88-2, Phase I Memorandum Opinion and Order, 6 FCC Rcd 7646 (1991) ("Further ONA Amendment Order").

include ONA services by type of ONA service and by percentage of access lines serviced, both system-wide and by market area, that will be capable of supporting each of the initial ONA services.² The requirement was modified to include deployment of ONA services as of December 31 of the previous year and the projected deployment of the ONA service as of one, two, and three years from December 31 of the previous year.³ Our deployment schedules of the percentages of access lines, both system-wide and by market area, that would be capable of supporting each of the initial ONA services are attached as Appendix A.

B. NEW ONA SERVICE REQUESTS

The Further ONA Amendment Order requires the BOCs to report annually on new service requests and their disposition.⁴ The order also requires the BOCs to report on the final disposition of new service requests, received under the 120-day process, that BOCs have previously identified as being subject to further evaluation.⁵ This information is normally contained in Appendix B. In 1998, Pacific Bell received no new requests under the 120 day process. In 1998, Pacific Bell also did not have any ONA requests subject to further evaluation upon which to report. Nevada Bell has never received any new ONA service requests under the 120-day process.⁶

² Further ONA Amendment Order, para. 9.

³ In the Matter of Filing and Review of Open Network Architecture Plans, CC Docket No. 88-2, Phase I, Memorandum Opinion and Order on Reconsideration, 8 FCC Rcd. 97 at para. 18 (1993).

⁴ Further ONA Amendment Order, para. 18.

⁵ Id. at 18.

⁶ Nevada Bell is a market area.

C. DISPOSITION OF ONA SERVICE REQUESTS PREVIOUSLY DEEMED INFEASIBLE

The Further ONA Amendment Order requires the BOCs to report annually on the ONA service requests previously deemed technically infeasible and their disposition.⁷ Our list of these services and their disposition is attached as Appendix C.

D. BSES USED IN THE PROVISION OF PACIFIC BELL'S AND NEVADA BELL'S ENHANCED SERVICES

The Further ONA Amendment Order requires each BOC to report annually on the BSEs used in providing its own enhanced services.⁸ We have attached that list in Appendix D.

E. ONA SERVICES AVAILABLE THROUGH SS7, ISDN, AND IN

The Further ONA Amendment Order requires BOCs to report annually on the ONA services that will be available through the new technologies of SS7, ISDN, and IN.⁹

1. Signalling System 7

Common Channel Signalling ("CCS") is a network architecture that uses Signalling System 7 ("SS7") protocol for the exchange of signalling information between

⁷ Further ONA Amendment Order, para. 19.

⁸ Id. at para. 61.

⁹ Id. at para. 29.

networks and telecommunications nodes on an out-of-band basis. SS7 technology provides the network capability to efficiently perform call set-up, data base query (800 database look-up), fraud prevention (credit card validation) and call management features (call routing based on, for example, time of day or day of week) for a variety of call types.

Generally, services enabled by CCS/SS7 technology may be separated into three categories:

- Custom Local Area Signalling Services ("CLASS")
- Common Channel Signalling Access Capability ("CCSAC")
- SS7/ISDN Interworking (formerly CCSAC II)

CLASS products work with SS7 to exchange additional network information for delivery of services and features to end-users.

We offer CLASS products and CCSAC capability on an unbundled basis, consistent with the network architecture and the openness contemplated by the Commission in this proceeding. For instance, we offer CLASS features in a manner that will allow a customer to order and purchase, individually, the desired CLASS service or feature, together with a Basic Serving Arrangement.

We offer CLASS services available with SS7 technology. The features¹⁰ offered are Automatic Recall, Automatic Call Back, Customer Originated Trace, Distinctive Ringing, Selective Call Rejection, Selective Call Forwarding, Selective Call Acceptance Caller ID and Caller ID with Calling Name Information. Pacific Bell deployed Anonymous Call Rejection in 1998.

¹⁰ In Nevada Bell the same features have the following names: Call Return, Repeat Dialing, Call Trace, Priority Ringing, Call Screen, Select Call Forwarding, Blocked Call Rejection, and Caller ID.

CCSAC is the capability to provide out-of-band signalling between interconnecting networks. CCSAC is also known as optional SS7 signalling for call set-up over a trunk-type BSA. Access to the signalling network is via a 56 Kbps Dedicated Network Access Link ("DNAL") between an interconnector's SS7 switch and Pacific Bell's Signal Transfer Point ("STP") or between an interconnector's STP and Pacific Bell's STP.¹¹ This capability provides rapid and efficient call set-ups through an efficient interconnection of networks and is available in all of Pacific Bell's LATAs.

We continue to expand our SS7-link "DNAL" applications to include new capabilities as they are identified and evaluated. We use Bellcore and internal market research to continually identify potential new SS7 services and develop the necessary technical requirements and interface specifications that will ensure network reliability, security, and interoperability, as more and more networks become interconnected.

Pacific Bell provides SS7 Transport, which transport customer SS7 messages throughout Pacific's Bell's regional SS7 network. SS7 Transport is limited to carriers whose traffic volumes do not exceed a threshold determined by Pacific Bell to cause network congestion.

Pacific Bell offers SS7 interconnection for wireless industry Type 2A (tandem) connections and for the Mobile-to-Land direction for Type 2B (end office) connections.

SS7/ISDN Interworking capability provides delivery of ISDN enabled products and services over the SS7 network. This capability uses standard protocol to connect switches at 64 Kbps, rather than at 56 Kbps, and demonstrates network-to-network interconnection and interoperability.¹² Pacific Bell has developed a 64CCC overlay network which gives all ISDN products the ability to transport data at 64 Kbps. Prior to

¹¹ Nevada Bell utilizes Pacific Bell's STP.

¹² Nevada Bell also is offering CCSAC. In addition, Nevada Bell offers SS7/ISDN Interworking (formerly CCSAC II), and 64 Clear Channel Trunk groups (Featured Group D only) within the LATA for carrying digital traffic at speeds of 56 or 64 Kbps between the IXC and the end user.

the establishment of the 64CCC overlay network, 64CCC was only available to customers within their serving switch. This enhancement allows greater connectivity and faster speeds for all ISDN customers on a worldwide basis.

2. Integrated Services Digital Network

ISDN is a standardized telecommunications system that enables one digital communication network to handle simultaneous voice, data, and video transmissions, thus eliminating the need for multiple networks and interface devices. There are two ISDN rate interfaces: Basic (64 Kbps) and Primary (1.544 Mbps).

Basic Rate (2B+D) provides two 64 Kbps bearer (B) channels for voice and data and one 16 Kbps delta (D) channel that provides signalling information. Primary Rate (23B+D) provides twenty-three 64 Kbps (B) channels and one 64 Kbps (D) channel.

Our initial deployment of the ISDN network architecture was described as an "island technology," single-vendor, proprietary ISDN design. This limited version of ISDN was used while ISDN technical standards were being completed. The standard, developed by the BOCs, their customers, and the switch vendors, is called National ISDN. Both of Pacific Bell's current switch vendors are committed to National ISDN and have been enhancing their National ISDN offerings. Currently, we offer National ISDN on both the Northern Telecom DMS 100 switch and the Lucent 5ESS switch.

We have significantly increased the availability of ISDN throughout California with the implementation of Alternate Serving Arrangement ("ASA"). ASA provides ISDN technology to switching central offices that are currently not ISDN capable. This expansion is accomplished by transporting the technology from a distant ISDN capable

office using existing interoffice facilities. There is no additional charge to our customers for ASA. ASA is an interim solution to making ISDN available almost anywhere in the state of California. We are still replacing our analog switches with digital switches under a project called Accelerated Technology Deployment ("ATD"). Our plan is to have nearly all analog switches replaced by the end of 2000, and ultimately to reduce the number of switch types in Pacific Bell's network from seven to two.

Pacific Bell obtained a permanent tariff for Primary Rate ISDN in April of 1995. We continue to deploy Primary Rate Interfaces in a phased approach driven by customer demand.

Pacific Bell has three Basic Rate ISDN product offerings: 1) Business ISDN -- a single line business product, 2) Personal ISDN -- a single line residential product, and 3) Centrex ISDN -- a multiline business offering. We offer D channel packet as an option on all Basic Rate ISDN products.

Pacific Bell received approval of a permanent Centrex ISDN tariff in December of 1994. At the same time, we unbundled the B channel packet, made it an optional feature, and lowered the monthly rate for B channel packet to less than half the original price.

Pacific Bell received approval of a permanent Business ISDN tariff in April, 1997. This service was the result of our unbundling of Centrex ISDN and offering of ISDN functionality to non-Centrex customers as basic rate exchange service. In 1996, our Business ISDN in-service volumes doubled due to increased customer demand for higher speed access to the Internet and on-line services, wide spread telecommuting, and remote LAN access applications.

Pacific Bell's Personal ISDN permanent tariff was approved in April, 1997. This product is designed for residential use, and the ISDN feature is offered over a Measured Rate access line. We bill originating calls based on usage for calls made Monday thru Friday from 8 am until 5 pm. For all other times, we bill local calls at a flat rate after a 200 hour local usage allowance. During 1996, our Personal ISDN grew from 4,424 lines to 13,122 lines.

As noted previously, Pacific Bell has deployed a 64CCC overlay network which gives all ISDN products the ability to transport data at 64 Kbps. We completed this project in March of 1996 and now offer 64CCC in all LATAs. This enhancement allows for greater connectivity and faster speeds for all ISDN customers on a worldwide basis.

Nevada Bell currently offers Basic Rate ISDN to Centrex customers only and started offering Primary Rate ISDN in 1996. Nevada Bell's Basic Rate ISDN service is detariffed.

We will continue to explore additional functionality and service offerings that will further enhance the value of ISDN capabilities.

3. Intelligent Network

AIN architecture supports service offerings. Custom Virtual Network ("CVN") is a service that allows Centrex customers with multiple locations to interconnect in a way that all their telephone lines will appear to be part of the same system, without deploying dedicated facilities. CVN provides an abbreviated dialing capability to all locations statewide. The interLATA portion of the call will be routed by the interexchange carrier designated by the customer. The CVN tariff was approved on October 11, 1995.

Pacific Bell anticipates offering Intelligent Redirect (also known as Dual Telephone Coverage or Call Forwarding to Multiple Locations) by the end of 1999. Nevada Bell anticipates offering Intelligent Redirect by the end of 2000. For a description of Intelligent Redirect see Southwestern Bell Telephone Company's Annual ONA Report, filed April 15, 1998.

F. UNBUNDLING OF NEW TECHNOLOGIES

The March 1993 ONA Amendment Order requires the BOCs "to report annually on the unbundling of new technologies arising from their own initiative, in response to requests by ESPs, or resulting from requirements imposed by the Commission."¹³ As we explained in our first filing in response to this requirement in July, 1993, we interpret this requirement to be a continuation of the Commission's interest in obtaining descriptions from BOCs of "how new technologies will be used, or could be configured, to offer [ONA] services that have been requested" and "what capabilities, whether specifically requested or not, will be available that could be useful in offering services to ESPs."¹⁴ Our interpretation of the reporting requirement is not only consistent with the Commission's long-standing ONA directives, but also with the way that we do business.

¹³ Filing and Review of Open Network Architecture Plans, CC Docket No. 88-2 Phase I, Memorandum Opinion and Order, 8 FCC Rcd 2606, para. 10 (1993). ("March 1993 ONA Amendment Order.") The Commission has required the tariff unbundling of Tier I LEC Special Access services in the Expanded Interconnection proceeding, and the Pacific Companies have tariffed Expanded Interconnection Service. The efforts on technological development generally described or mentioned in this section arise from our own initiative, from our need and desire to be responsive to the requests by ESPs for new ONA services, and from requirements in Section 251 of the Telecommunications Act pertaining to requests by telecommunications carriers.

¹⁴ Filing and Review of Open Network Architecture Plans, CC Docket No. 88-2 Phase I, Memorandum Opinion and Order, 4 FCC Rcd 1, para. 382 (1988).

We unbundle and provide services enabled by technologies. We do not unbundle and provide technologies themselves to our customers.

Pacific Bell continues to deploy Synchronous Optical Network ("SONET") as the premiere technology for higher quality transport to meet growing traffic demands. Pacific Bell also offers access to SONET facilities on an unbundled basis, or interconnection with our network at SONET transmission rates.

Today, SONET is available in all major metropolitan markets and many smaller business locations. SONET also is expected to be available in most rural areas by the year 2000.

SONET is the architecture upon which we expect all Pacific Bell services will ultimately ride -- including voice, data, and video. SONET is flexible and reliable and can accommodate all types of traffic, including traffic of business and residential customers that we plan to serve on a hybrid fiber-coax broadband network. In the areas where SONET rings are deployed, our business customers for the first time can obtain high-capacity leased-line service at speeds greater than 45 Mb/s and at multiples other than 45 Mb/s. Pacific Bell is offering FasTrakSM SONET ring and Access Services to business customers and interexchange carriers in dedicated self-healing rings or point-to-point configurations that accommodate speeds ranging from 1.544 Mb/s to 2.488 Gb/s.

Pacific Bell established a health network, called Healthlink, that is essentially a portfolio of business applications that address the growing need for fast, accurate telecommunications solutions within the health care community of interest. The service offerings include: Centrex, Centrex ISDN, Switched Multi-megabit Digital Service, Public Packet Switching (X.25) and others. ESPs can use these services to offer services that include:

- **Physician Link:** provides an electronic link from a physician's home or office to records at a hospital or clinic with access to laboratory results, patients records scheduling and/or billing and insurance information.
- **Physician Office Messaging:** provides a private voice mailbox for personal messages, and office voice mailbox for messages from patients and pharmacists and a messaging option for messages that require hard copies.
- **Hospital Messaging:** provides the capability for hospital staff and patients to send and receive oral or written messages at any time. In addition, eliminates telephone tag, paper clutter and drastically reduces barriers to staff productivity.
- **Hospital Directory:** provides information on patient location, prescription renewal, outpatient services hours, physician referral services, etc.
- **Teleradiology:** provides the capability to transmit images from a primary site to a remote site for radiologist review.

Pacific Bell also uses advanced technologies to provide a wide array of high-speed, dedicated, network services that can be used for access connections to the Internet. Pacific Bell offers economical data transport services, known collectively as FasTrakSM Enterprise Networking Solutions -- ideally suited for use with high-speed Internet access. For instance, we offer:

- **Frame Relay,** a high performance wide-area data networking service for LAN interconnection and terminal-to-host communications
- **DS1,** a high-speed dedicated service that is ideal for point-to-point data transmission
- **SMDS,** a high-speed cell relay service offering LAN-like performance and features across a wide area

Pacific Bell can help ESPs and other business customers with this wide choice of high-speed, dedicated transport options and other services. Overall, our goal is to have a fully capable communications super highway available to nearly half of all Californians within the next decade and to all California homes by the year 2015.

G. DEPLOYMENT OF SS7, ISDN, AND IN AS A PERCENTAGE OF ACCESS LINES SERVICED SYSTEM-WIDE AND ON A MARKET AREA BASIS

The Further ONA Amendment Order requires the BOCs to file projections of SS7, ISDN, and IN deployment by percentage of access lines, system-wide and by market-area.¹⁵ Our deployment schedules for these technologies are attached in Appendix E.

H. SERVICE-SPECIFIC AND LONG-TERM UNIFORMITY ISSUES

The Further ONA Amendment Order requires BOCs to report annually on activity regarding implementation of technical and long-term uniformity issues that have been resolved through the IILC process.¹⁶ The IILC was reorganized within the Network Interconnection/Architecture Committee ("NIAC") which is a committee in the Network Interconnection Interoperability Forum ("NIIF"). For SBC Communication's update on NIIF activity see the section on this issue in Southwestern Bell Telephone Companies' Annual ONA Report, filed April 15, 1999. We will continue to work towards uniformity in resolving issues of national concern and scope.

¹⁵ Further ONA Amendment Order, para. 29.

¹⁶ Id.

I. PROVISION OF BILLING INFORMATION

The Further ONA Amendment Order requires BOCs to report annually on their progress in providing to ESPs billing name and address ("BNA"), line-side calling number identification ("CNI"), or possible CNI alternatives, and call detail services.¹⁷

With respect to CNI, the technical capability to provide this service is nearing total deployment in the Pacific Companies' network. See Appendix E for projected deployment schedules.

The SS7 protocol provides Calling Party Number ("CPN") parameter and Charge Number parameter which provide billing data to trunk-connected ESPs. This service is a form of Caller ID. Pacific Bell and Nevada Bell offer Caller ID to line-connected ESPs.

With respect to Billing Name and Address ("BNA"), Pacific Bell provides BNA service on an intrastate basis in accordance with Schedule Cal. P.U.C. 175-T, Section 8.4.2 to certified IXC's and on an interstate basis under contract.¹⁸ As we have noted in earlier filings, Rule 35 of the CPUC A.2 tariff and the CPUC tariff 175-T prohibit us from providing BNA service to ESPs. We have anticipated action on the part of the CPUC to revise these rules for the past several years, but to date the investigation into this matter remains open.¹⁹

¹⁷ Id. at para. 44.

¹⁸ While billing and collection services are detariffed in the interstate jurisdiction, Pacific Bell complies with the rules and regulations set forth in CPUC 175-T in providing billing and collection on an interstate basis.

¹⁹ Rulemaking on the Commission's Own Motion to Govern Open Access to Bottleneck Services and Establish a Framework for Network Architecture Development for Dominant Carrier Network, Order Instituting Rulemaking and Order Instituting Investigation, R-93-04-003 (April 7, 1993).

Since 1994, as a result of the Commission's order in Docket 91-115, we have made BNA available through federal tariffs to ESPs and others on an interstate basis.²⁰ In Pacific Bell, BNA is available through FCC Tariff No. 128-T. Nevada Bell has tariffed BNA in Nevada's FCC Tariff No. 1, Section 6. Billing name and address service is provided when the customer needs the information to bill a call and the originating number is provided via a magnetic tape which contains the originating numbers. BNA is available in the Nevada intrastate tariff PSCN C8.

As noted in previous amendments, Pacific Bell offers billing services to ESPs. This billing service is the same as we provide to our enhanced services operation. Nevada Bell has been included in the development of Pacific Bell's billing services for ESPs and currently offers third-party billing services.

J. DEVELOPMENT AND IMPLEMENTATION OF OSS SERVICES

The Further ONA Amendment Order requires BOCs to report annually on their continuing progress in developing and implementing methods for ESPs to access the four OSS services defined as ONA services.²¹ These services are (1) service order entry and status; (2) trouble reporting and status; (3) diagnostics, monitoring, testing, and network reconfiguration; and (4) traffic data collection.²² Pacific Bell provides ESP

²⁰ Policies and Rules Concerning Local Exchange Carrier Validation and Billing Information for Joint Use Calling Cards, CC Docket No. 91-115, Second Report and Order, 8 FCC Rcd. 4478 (1993).

²¹ Further ONA Amendment Order, para. 47.

²² Filing and Review of Open Network Architecture Plans, 5 FCC Rcd 3084, 3087 (1990).

access to OSS via an offering called Pacific Bell Service Manager.²³ Pacific upgraded the Service Manager system in late 1997 and early 1998 to accommodate numerous requirements, including:

- Local Number Portability (“LNP”)
- Resale Operator/Directory Assistance Routing (“ROAR”)
- SPOC Alerts: These alerts notify the Local Operations Center (“LOC”) and/or the Customer Service Bureau (“CSB”) that a pending trouble ticket is in one of two states: either one hour before the commitment time, or the commitment time has just passed.

We continue to evaluate this offering to identify opportunities to improve methods for ESPs to access OSS services.

The following table lists the OSS services that customers can currently obtain from Pacific Bell.

²³ As we have reported in the past, Nevada Bell has still not received sufficient indications of interest to warrant the development of services to provide access to any OSS capabilities under ONA.

Capabilities	Large Volume Users and IXC's	Medium Volume Users	Small Volume Users	CLECs ²⁴
Service Order and Status	Service Manager or CESAR ²⁵	Service Manager or CESAR	Service Manager	CLEO ²⁶
Trouble Reporting and Status	Service Manager	Service Manager	Service Manager	CLEO
Testing ²⁷ and Network Reconfiguration	Service Manager/ CNR ²⁸ and CMS ²⁹	Service Manager/ CNR and CMS	Service Manager/ CNR and CMS	CLEO

K. UNIFORM PROVISION OF OSS

The Further ONA Amendment Order requires BOCs to report annually on their progress individually and through the IILC and other forums on the uniform provision of OSS services, as well as their progress on implementing IILC resolutions that have already been adopted.³⁰ For SBC Communications' update in this area see the discussion of this issue in Southwestern Bell Telephone Company's Annual ONA Report filed April 15, 1999.

²⁴ Competitive Local Exchange Carriers. CLECs also access Service Manager.

²⁵ Customer's Enhanced System for Access Requests ("CESAR") does not currently provide status. It does provide: Design Layout Report distribution; on-line order entry for wireless services; mechanized Primary Interexchange carrier ordering; and on-line verification of Special Access Circuits with Pacific Bell systems.

²⁶ "CLEO" is a gateway available only for CLECs; it does not provide status on service orders.

²⁷ Testing is currently available for analog circuits only.

²⁸ Service Manager provides a gateway view to Customer Network Reconfiguration ("CNR"), which is also a stand alone tariffed product.

²⁹ Centrex Management Service System ("CMS") allows CENTREX customers to make changes on CENTREX stations via dial-up capability using a video display terminal. This service also is available as a menu option with Service Manager.

³⁰ Further ONA Amendment Order, para. 49.

We support additional efforts to increase uniformity in the provision of access to OSS information and Customer Network Management ("CNM") capabilities. We continue to believe that the long term solution for uniformity will be conformance with Open Systems Interconnection (OSI)-based application-to-application standard interfaces, as proposed by the American National Standards Institute ("ANSI") and International Network Management Forum.

Pacific Bell offers an Electronic Bonding Gateway that provides a peer-to-peer interface to Pacific Bell's Operational Support System ("OSS") for trouble reporting, consistent with the Network Management Forum's direction. The Pacific Bell Electronic Bonding Gateway is defined as an X.25 Packet Switched Port connection to an Open Systems Interconnection ("OSI") seven layer conformance protocol stack. The Electronic Bonding Gateway is available to provide maintenance functionality for all service types, e.g., DSO, DS1, Switched Services, and POTS. We currently have customers on line utilizing electronic bonding for trouble reporting, exchange of repair status, and trouble report closure.

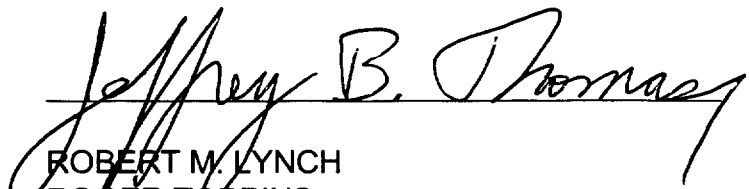
Pacific Bell also allows for Primary InterExchange Carrier ("PIC") ordering and provisioning in accordance with ANSI Standard T1.246. We currently have customers on line utilizing this capability. Further, Pacific Bell is participating in industry committees for the development of standards allowing pre-ordering and provisioning of access services. Upon approval of these standards a concerted effort will be made for implementation in 1999. These efforts demonstrate that we are concerned with the satisfaction of our customers' needs for access to OSS information and CNM capabilities and recognize the importance of uniformity to help meet certain of those needs.

II. CONCLUSION

Our Annual Report provides the information requested by the Commission.

Respectfully submitted,

PACIFIC BELL
NEVADA BELL

A handwritten signature in black ink, reading "Jeffrey B. Thomas", written over a horizontal line.

ROBERT M. LYNCH
ROGER TOPPINS
MICHAEL J. ZPEVAK
JEFFREY B. THOMAS

One Bell Plaza
208 South Akard Street
Room 3043
Dallas, Texas 75202
(214) 464-4490

Their Attorneys

Date: April 15, 1999

Exhibit A

Deployment Schedules Total Pacific Bell

			<div> <div>%</div> <div>Projected % Access Lines</div> <div>capable of supporting ONA service</div> </div>			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	60	70	80	80
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	100	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	18	18	18	18
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	18	18	18	18
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	100	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	100	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	100	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intrasm	Call Forwarding-DA Intrasm	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	100	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	18	18	18	18
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	100	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	100	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	100	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	100	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	100	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	18	18	18	18
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	100	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	100	100	100	100

Deployment Schedules Total Pacific Bell

Deployment Schedules Total Pacific Bell			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	99	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	18	18	18	18
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	18	18	18	18
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	18	18	18	18
CNS	Direct Connection	Hot Line	98	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	18	18	18	18
BSE	Availability Control Arrangement	Make Busy Key	100	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	18	18	18	18
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	18	18	18	18
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	100	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	99	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	100	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	70	75	80	80

Deployment Schedules LATA 722, San Francisco, California

			Projected % Access Lines			
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	90	100	100	100
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	100	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	40	40	40	40
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	40	40	40	40
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	99	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	99	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	99	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	40	40	40	40
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	99	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	100	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	99	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	100	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	100	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	100	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	40	40	40	40
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	99	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	99	100	100	100

Deployment Schedules LATA 722, San Francisco, California

%	Projected % Access Lines			
	capable of supporting ONA service			
	12/31/98	12/31/99	12/31/00	12/31/01

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	99	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	40	40	40	40
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	40	40	40	40
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	40	40	40	40
CNS	Direct Connection	Hot Line	99	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	40	40	40	40
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	90	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	88	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	40	40	40	40
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	40	40	40	40
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	99	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	99	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	99	100	100	100

Deployment Schedules LATA 724, Chico, California

%	Projected % Access Lines
---	--------------------------

capable of supporting ONA service

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	50	60	60	60
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	99	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	10	10	10	10
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	10	10	10	10
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	95	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	99	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	99	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	99	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	10	10	10	10
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	99	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	90	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	99	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	99	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	99	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	99	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	99	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	10	10	10	10
BSE	Channel Conditioning	Conditioning	99	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	99	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	99	100	100	100

Deployment Schedules LATA 724, Chico, California

Deployment Schedules LATA 724, Chico, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	98	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	10	10	10	10
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	10	10	10	10
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	10	10	10	10
CNS	Direct Connection	Hot Line	99	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	10	10	10	10
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	10	10	10	10
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	10	10	10	10
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	99	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	99	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	98	100	100	100

Deployment Schedules LATA 726, Sacramento, California

Deployment Schedules LATA 726, Sacramento, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	100	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	100	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	95	100	100	100
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	100	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	100	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	100	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	40	40	40	40
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	40	40	40	40
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	100	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	99	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	100	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	40	40	40	40
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	100	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	99	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	100	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	100	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	100	100	100	100
BSE	Closed User Group (Packet	Closed User Group (Packet	40	40	40	40
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	100	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	100	100	100	100

Deployment Schedules LATA 726, Sacramento, California

Deployment Schedules LATA 726, Sacramento, California			<table><tr><th>%</th><th colspan="3">Projected % Access Lines</th></tr><tr><td colspan="4">capable of supporting ONA service</td></tr><tr><td>12/31/98</td><td>12/31/99</td><td>12/31/00</td><td>12/31/01</td></tr></table>				%	Projected % Access Lines			capable of supporting ONA service				12/31/98	12/31/99	12/31/00	12/31/01
%	Projected % Access Lines																	
capable of supporting ONA service																		
12/31/98	12/31/99	12/31/00	12/31/01															
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01												
BSE	DID Trunk Queuing	DID Trunk Queuing	95	100	100	100												
CNS	Direct Call (Packet)	Direct Call (Packet)	40	40	40	40												
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100												
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	40	40	40	40												
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	40	40	40	40												
CNS	Direct Connection	Hot Line	95	100	100	100												
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	40	40	40	40												
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100												
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100												
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	100	100	100	100												
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100												
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100												
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100												
BSE	Uniform Call Dst (Queuing)	MLHG UCD with Queuing	99	100	100	100												
BSE	Hunting Service	Multiline Hunt Group	100	100	100	100												
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100												
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100												
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100												
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100												
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100												
BSE	Preselection for Data Services	Preselection for Data Services	40	40	40	40												
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	40	40	40	40												
BSE	Secondary Channnel	Secondary Channel Capability	100	100	100	100												
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100												
CNS	Call Screen	Selective Call Rejection	100	100	100	100												
CNS	Network Speed Calling	Shared Speed Calling	100	100	100	100												
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100												
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	99	100	100	100												
BSE	Tandem Routing	Tandem Routing	99	100	100	100												
BSE	Call Transfer	Three Way Call Transfer	100	100	100	100												
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	100	100	100	100												
CNS	Warm Line	Warm Line	99	100	100	100												

Deployment Schedules LATA 728, Fresno, California

			<div> <div>%</div> <div>Projected % Access Lines</div> <div>capable of supporting ONA service</div> </div>			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	60	70	70	70
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	99	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	4	6	6	6
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	4	6	6	6
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	99	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	99	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrasw	Call Forwarding-DA Intraswitch	99	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	4	6	6	6
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	99	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	99	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	99	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	99	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	99	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	99	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	99	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	4	6	6	6
BSE	Channel Conditioning	Conditioning	99	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	99	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	99	100	100	100

Deployment Schedules LATA 728, Fresno, California

Deployment Schedules LATA 728, Fresno, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	80	90	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	4	6	6	6
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	4	6	6	6
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	4	6	6	6
CNS	Direct Connection	Hot Line	90	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	4	6	6	6
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queuing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	4	6	6	6
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	4	6	6	6
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	100	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	99	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	60	70	70	70

Deployment Schedules LATA 730, Los Angeles, California

%	Projected % Access Lines capable of supporting ONA service			
	12/31/98	12/31/99	12/31/00	12/31/01

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	100	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	80	90	100	100
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	100	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	100	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	100	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	14	16	16	16
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	14	16	16	16
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	100	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	100	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	100	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	100	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	100	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	14	16	16	16
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	100	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	100	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	99	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	99	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	99	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	14	16	16	16
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	100	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	100	100	100	100

Deployment Schedules LATA 730, Los Angeles, California

%	Projected % Access Lines
---	--------------------------

capable of supporting ONA service

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	100	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	14	16	16	16
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	14	16	16	16
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	14	16	16	16
CNS	Direct Connection	Hot Line	95	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	14	16	16	16
BSE	Availability Control Arrangement	Make Busy Key	100	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	100	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	100	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	100	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	100	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	100	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	100	100	100	100
BSE	Hunting Service	Multiline Hunt Group	100	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	100	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	98	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	100	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	98	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	100	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	14	16	16	16
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	14	16	16	16
BSE	Secondary Channnel	Secondary Channel Capability	100	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	100	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	100	100	100	100
BSE	Tandem Routing	Tandem Routing	100	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	100	100	100	100
CNS	Warm Line	Warm Line	80	90	100	100

Deployment Schedules LATA 732, San Diego, California

Deployment Schedules LATA 732, San Diego, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	100	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	100	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	80	90	100	100
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	100	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	100	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	100	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	30	40	40	40
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	30	40	40	40
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	100	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	100	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	100	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	100	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	100	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intrasw	Call Forwarding-DA Intraswitch	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim CIs Interswitch	100	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	30	40	40	40
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	100	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	100	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	100	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	100	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	100	100	100	100
BSE	Closed User Group (Packet	Closed User Group (Packet	30	40	40	40
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	100	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	100	100	100	100

Deployment Schedules LATA 732, San Diego, California

%	Projected % Access Lines			
capable of supporting ONA service				
12/31/98	12/31/99	12/31/00	12/31/01	

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	99	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	30	40	40	40
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	30	40	40	40
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	30	40	40	40
CNS	Direct Connection	Hot Line	90	90	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	30	40	40	40
BSE	Availability Control Arrangement	Make Busy Key	100	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	100	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	100	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	100	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	100	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	100	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	100	100	100	100
BSE	Hunting Service	Multiline Hunt Group	100	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	100	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	100	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	100	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	30	40	40	40
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	30	40	40	40
BSE	Secondary Channnel	Secondary Channel Capability	100	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	100	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	100	100	100	100
BSE	Tandem Routing	Tandem Routing	100	100	100	100
BSE	Call Transfer	Three Way Call Transfer	100	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	100	100	100	100
CNS	Warm Line	Warm Line	80	90	100	100

Deployment Schedules LATA 734, Bakersfield, California

%	Projected % Access Lines			
	capable of supporting ONA service			
	12/31/98	12/31/99	12/31/00	12/31/01

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	30	40	50	50
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	97	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	4	4	4	4
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	4	4	4	4
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	99	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	99	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrasw	Call Forwarding-DA Intraswitch	99	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	4	4	4	4
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	99	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	99	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	99	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	99	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	99	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	99	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	99	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	4	4	4	4
BSE	Channel Conditioning	Conditioning	99	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	99	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	99	100	100	100

Deployment Schedules LATA 734, Bakersfield, California

Deployment Schedules LATA 734, Bakersfield, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	99	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	4	4	4	4
CNS	Priority Ringing	Distinctive Ringing	99	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	4	4	4	4
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	4	4	4	4
CNS	Direct Connection	Hot Line	90	90	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	4	4	4	4
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queuing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	4	4	4	4
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	4	4	4	4
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	99	100	100	100
CNS	Call Screen	Selective Call Rejection	99	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	99	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	99	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	25	30	30	40

Deployment Schedules LATA 736, Monterey, California

%	Projected % Access Lines			
capable of supporting ONA service				
12/31/98	12/31/99	12/31/00	12/31/01	

BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	30	40	50	50
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	99	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	0	0	0	0
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	0	0	0	0
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	100	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	99	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intraw	Call Forwarding-DA Intraswitch	99	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	0	0	0	0
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	99	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	99	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	99	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	99	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	99	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	99	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	99	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	0	0	0	0
BSE	Channel Conditioning	Conditioning	99	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	99	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	99	100	100	100

Deployment Schedules LATA 736, Monterey, California

Deployment Schedules LATA 736, Monterey, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	99	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	0	0	0	0
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	0	0	0	0
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	0	0	0	0
CNS	Direct Connection	Hot Line	90	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	0	0	0	0
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queuing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	0	0	0	0
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	0	0	0	0
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	99	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	100	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	30	40	50	50

Deployment Schedules LATA 738, Stockton, California

Deployment Schedules LATA 738, Stockton, California			%	Projected % Access Lines		
			capable of supporting ONA service			
Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	99	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	60	70	80	80
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	99	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	99	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	99	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	99	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	0	0	0	0
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	0	0	0	0
BSA	Metallic Service	C3 Type A, Dedicated Metallic	99	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	99	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	99	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	99	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	99	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	99	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	99	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	99	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	99	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	99	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	99	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	99	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	99	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	99	100	100	100
CNS	Call Forwarding Don't Answer Intrasw	Call Forwarding-DA Intraswitch	99	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	99	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	0	0	0	0
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	99	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	99	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	99	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	99	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	99	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	99	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	99	100	100	100
BSE	Closed User Group (Packet	Closed User Group (Packet	0	0	0	0
BSE	Channel Conditioning	Conditioning	99	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	99	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	99	100	100	100

Deployment Schedules LATA 738, Stockton, California

%	Projected % Access Lines
capable of supporting ONA service	

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	100	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	0	0	0	0
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	0	0	0	0
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	0	0	0	0
CNS	Direct Connection	Hot Line	90	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	0	0	0	0
BSE	Availability Control Arrangement	Make Busy Key	99	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	99	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	99	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	99	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	99	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	99	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	99	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	99	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	0	0	0	0
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	0	0	0	0
BSE	Secondary Channnel	Secondary Channel Capability	99	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	99	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	100	100	100	100
BSE	Tandem Routing	Tandem Routing	99	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	99	100	100	100
CNS	Warm Line	Warm Line	60	70	80	100

Deployment Schedules LATA 740, San Luis Obispo, California

Type	Pacfic Bell ONA Capability	Generic Cross Reference NA	Projected % Access Lines			
			capable of supporting ONA service			
			12/31/98	12/31/99	12/31/00	12/31/01

BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	100	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	90	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	50	60	70	80
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	100	100	100	100
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	100	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	100	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	4	4	4	4
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	4	4	4	4
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	POLLSTAR DLC Security Transport	C3 Type I, Dedicated Alert Transport	100	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	100	100	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	100	100	100	100
CNS	Call Forwarding Variable	Call Forwarding Variable	100	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	100	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	100	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	4	4	4	4
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	100	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	100	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	100	100	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	100	100	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	100	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	4	4	4	4
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	100	100	100	100
CNS	POLLSTAR (Monitoring)	Derived Channels (Monitoring)	100	100	100	100

Deployment Schedules LATA 740, San Luis Obispo, California

%	Projected % Access Lines			
	capable of supporting ONA service			

Type	Pacific Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	99	100	100	100
CNS	Direct Call (Packet)	Direct Call (Packet)	4	4	4	4
CNS	Priority Ringing	Distinctive Ringing	100	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	4	4	4	4
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	4	4	4	4
CNS	Direct Connection	Hot Line	90	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	4	4	4	4
BSE	Availability Control Arrangement	Make Busy Key	100	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	100	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	100	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	100	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	100	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	100	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	100	100	100	100
BSE	Hunting Service	Multiline Hunt Group	100	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	100	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	100	100	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	100	100	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	100	100	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	100	100	100	100
BSE	Preselection for Data Services	Preselection for Data Services	4	4	4	4
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	4	4	4	4
BSE	Secondary Channel	Secondary Channel Capability	100	100	100	100
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	100	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	100	100	100	100
BSE	Tandem Routing	Tandem Routing	100	100	100	100
BSE	Call Transfer	Three Way Call Transfer	100	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	100	100	100	100
CNS	Warm Line	Warm Line	70	80	90	100

Deployment Schedules Total Nevada Bell

%	Projected % Access Lines			
capable of supporting ONA service				
12/31/98	12/31/99	12/31/00	12/31/01	

Type	Nevada Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	100	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	99	99	99
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	40	50	60	70
CNS	Repeat Dialing	Automatic Callback	89	95	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	0	0	0	0
CNS	Call Return	Automatic Recall	89	95	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	100	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	100	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	0	0	75	75
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	0	0	75	75
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	ALARM PLUS Security Transport	C3 Type I, Dedicated Alert Transport	95	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	85	90	100	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	0	0	0	0
CNS	Call Forwarding Variable	Call Forwarding Variable	99	99	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	97	97	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	99	99	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	97	97	100	100
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	99	99	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim Cls Interswitch	95	95	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	0	0	0	0
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	99	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	95	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	89	95	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	89	95	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	95	95	100	100
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	97	97	100	100
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	91	95	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	91	95	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	0	0	0	0
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	89	95	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	92	95	100	100
CNS	ALARM PLUS (Monitoring)	Derived Channels (Monitoring)	92	95	100	100

Deployment Schedules Total Nevada Bell

%	Projected % Access Lines
capable of supporting ONA service	

Type	Nevada Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	0	0	0	0
CNS	Direct Call (Packet)	Direct Call (Packet)	0	0	0	0
CNS	Priority Ringing	Distinctive Ringing	89	95	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	0	0	0	0
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	0	0	0	0
CNS	Direct Connection	Hot Line	95	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	0	0	0	0
BSE	Availability Control Arrangement	Make Busy Key	95	95	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	95	95	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	95	95	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	95	95	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	95	95	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	95	95	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	95	95	100	100
BSE	Hunting Service	Multiline Hunt Group	90	95	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	90	90	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	75	90	100	100
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	90	95	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	75	95	100	100
BSE	Customer Network Reconfiguration	Network Reconfiguration	0	0	0	0
BSE	Preselection for Data Services	Preselection for Data Services	0	0	0	0
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	0	0	0	0
BSE	Secondary Channnel	Secondary Channel Capability	0	0	0	0
CNS	Select Call Forwarding	Selective Call Forward	89	95	100	100
CNS	Call Screen	Selective Call Rejection	89	95	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	99	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	0	0	0	0
BSE	Tandem Routing	Tandem Routing	92	100	100	100
BSE	Call Transfer	Three Way Call Transfer	100	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	95	98	100	100
CNS	Warm Line	Warm Line	40	50	60	70

Deployment Schedules LATA 720, Northern, Nevada

%	Projected % Access Lines			
capable of supporting ONA service				
12/31/98	12/31/99	12/31/00	12/31/01	

BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	100	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	99	100	100	100
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	40	50	60	70
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	0	0	0	0
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	100	100	100	100
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	100	100	100	100
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	0	0	75	75
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	0	0	75	75
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	ALARM PLUS Security Transport	C3 Type I, Dedicated Alert Transport	83	90	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	80	90	90	100
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	0	0	0	0
CNS	Call Forwarding Variable	Call Forwarding Variable	100	100	100	100
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	100	100	100	100
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intraswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intraw	Call Forwarding-DA Intraswitch	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim CIs Interswitch	100	100	100	100
BSE	DTE Backup (Packet)	Call Redirection Packet	0	0	0	0
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	100	100	100	100
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	100	100	100	100
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	99	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	99	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	0	0	0	0
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	0	0	0	0
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	100	100	100	100
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	98	100	100	100
BSE	Closed User Group (Packet)	Closed User Group (Packet)	0	0	0	0
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	99	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	95	95	98	100
CNS	ALARM PLUS (Monitoring)	Derived Channels (Monitoring)	85	95	98	100

Deployment Schedules LATA 720, Northern, Nevada

%	Projected % Access Lines			
	capable of supporting ONA service			
	12/31/98	12/31/99	12/31/00	12/31/01

Type	Nevada Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	0	0	0	0
CNS	Direct Call (Packet)	Direct Call (Packet)	0	0	0	0
CNS	Priority Ringing	Distinctive Ringing	99	100	100	100
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	0	0	0	0
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	0	0	0	0
CNS	Direct Connection	Hot Line	99	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	0	0	0	0
BSE	Availability Control Arrangement	Make Busy Key	98	100	100	100
BSE	Forwarded Call Information	Message Desk (SMDI)	98	100	100	100
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	100	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	99	100	100	100
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	99	100	100	100
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	99	100	100	100
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	99	100	100	100
BSE	Hunting Service	Multiline Hunt Group	100	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	99	100	100	100
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	25	30	30	30
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	95	98	100	100
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	45	50	50	60
BSE	Customer Network Reconfiguration	Network Reconfiguration	0	0	0	0
BSE	Preselection for Data Services	Preselection for Data Services	0	0	0	0
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	0	0	0	0
BSE	Secondary Channnel	Secondary Channel Capability	0	0	0	0
CNS	Select Call Forwarding	Selective Call Forward	99	100	100	100
CNS	Call Screen	Selective Call Rejection	99	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	99	100	100	100
CNS	Speed Calling (8 & 30 Number)	Speed Calling	99	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	0	0	0	0
BSE	Tandem Routing	Tandem Routing	100	100	100	100
BSE	Call Transfer	Three Way Call Transfer	99	100	100	100
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	90	95	95	95
CNS	Warm Line	Warm Line	40	45	50	50

Deployment Schedules LATA 721, Southern, Nevada

%	Projected % Access Lines			
	capable of supporting ONA service			
	12/31/98	12/31/99	12/31/00	12/31/01

Type	Nevada Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	Access to Clear Channel Transmission	Access to Clear Channel Transmission	100	100	100	100
BSA	Alternate Traffic Routing	Alternate Traffic Routing	0	0	0	0
BSE	Answer Supervision (Line Side)	Answer Supervision Ln Sd interface	0	0	0	0
CNS	Repeat Dialing	Automatic Callback	100	100	100	100
BSE	Automatic Loop Transfer	Automatic Protection Switching	0	0	0	0
CNS	Call Return	Automatic Recall	100	100	100	100
BSE	Bridging	Bridging	100	100	100	100
BSA	Access Line Arrangement (FGA)	C1 Type A, Circuit Switched Line	0	0	0	0
BSA	Access Trunk Arrangement (FGB, D)	C1 Type B, Circuit Switched Trunk	0	0	0	0
BSA	Public Packet Switching (X.25)	C2 Type A - X.25 Packet Switched	0	75	75	75
BSA	Public Packet Switching (X.75)	C2 Type B - X.75 Packet Switched	0	75	75	75
BSA	Metallic Service	C3 Type A, Dedicated Metallic	100	100	100	100
BSA	Telegraph Grade Service	C3 Type B, Dedicated Telegraph	100	100	100	100
BSA	Voice Grade Service	C3 Type C, Dedicated Voice Grade	100	100	100	100
BSA	Program Audio Service	C3 Type D, Dedicated Program Audio	100	100	100	100
BSA	Video Service	C3 Type E, Dedicated Video	100	100	100	100
BSA	BSA Digital Data Service, Priv Line Svc	C3 Type F, Dedicated Digital <64kbps	100	100	100	100
BSA	High Capacity Svc (1.544Mbps)	C3 Type G, Dedicated 1.544 Mbps	100	100	100	100
BSA	High Capacity Svc (>1.544Mbps)	C3 Type H, Dedicated >1.544 Mbps	100	100	100	100
BSA	ALARM PLUS Security Transport	C3 Type I, Dedicated Alert Transport	100	100	100	100
BSA	Dedicated Network Access Link	C4 Dedicated Network Access Link	0	0	0	0
BSE	Call Denial on Line or Hunt Group	Call Denial on Line or Hunt Group	0	0	0	0
CNS	Call Forwarding Variable	Call Forwarding Variable	80	80	80	80
CNS	Busy Call Forwarding Extended	Call Forwarding-Bsy Ln Interswitch	0	0	0	0
CNS	Call Forward Busy Line	Call Forwarding-Bsy Ln Intrswitch	100	100	100	100
CNS	Call Forwarding Don't Answer Intersw	Call Forwarding-DA Interswitch	0	0	0	0
CNS	Call Forwarding Don't Answer Intrsw	Call Forwarding-DA Intrswitch	100	100	100	100
CNS	Call Forwarding Variable	Call Fwd Mult Sim CIs Interswitch	0	0	0	0
BSE	DTE Backup (Packet)	Call Redirection Packet	0	0	0	0
CNS	Call Waiting (Cancel)	Call Waiting (Cancel)	75	75	75	75
BSE	Direct Inward Dial Service	Called DN Delivery via DID	100	100	100	100
BSE	Automatic Number Identification	Calling BN Delivery via FG D	0	0	0	0
BSE	Calling DN Delivery via BCLID	Calling DN Delivery via BCLID	100	100	100	100
BSE	Caller ID	Calling DN Delivery via ICLID	100	100	100	100
BSA	800 Access Service	Carrier Select on Reverse Charge	100	100	100	100
CNS	Call Forwarding BY/DA - Fixed	CFBL/DA-Cust Cntrl Act/Deactivtn	75	75	75	75
CNS	Call Forwarding BY/DA - programming	CFBL/DA-Cust Cntrl Fwd to Number	75	75	75	75
CNS	Call Forwarding Variable	CFV-Activation w/o Courtesy Call	0	0	0	0
CNS	CFV-Remote Activation/Control	CFV-Remote Activation/Control	0	0	0	0
BSE	Closed User Group (Packet)	Closed User Group (Packet)	0	0	0	0
BSE	Channel Conditioning	Conditioning	100	100	100	100
CNS	Call Trace	Customer Originated Trace	100	100	100	100
CNS	Digital Data Over Voice	Data Over Voice (DOV) Service	0	0	0	0
CNS	ALARM PLUS (Monitoring)	Derived Channels (Monitoring)	100	100	100	100

Deployment Schedules LATA 721, Southern, Nevada

%	Projected % Access Lines			
	capable of supporting ONA service			
	12/31/98	12/31/99	12/31/00	12/31/01

Type	Nevada Bell ONA Capability	Generic Cross Reference NA	12/31/98	12/31/99	12/31/00	12/31/01
BSE	DID Trunk Queuing	DID Trunk Queuing	0	0	0	0
CNS	Direct Call (Packet)	Direct Call (Packet)	0	0	0	0
CNS	Priority Ringing	Distinctive Ringing	75	75	75	75
BSE	Fast Select Acceptance (Packet)	Fast Select Acceptance (Packet)	0	0	0	0
BSE	Fast Select Initiate (Packet)	Fast Select Request Packet	0	0	0	0
CNS	Direct Connection	Hot Line	100	100	100	100
BSE	Hunt Group (INT/EXT)	Hunt Groups Packet	0	0	0	0
BSE	Availability Control Arrangement	Make Busy Key	0	0	0	0
BSE	Forwarded Call Information	Message Desk (SMDI)	0	0	0	0
BSE	Hunting Service (MLHG ACC EA Port)	MLHG Access to Each Port	100	100	100	100
BSE	Hunting Srv (MLHG CO Announcement)	MLHG CO Announcements	0	0	0	0
BSE	Hunting Service (MLHG Overflow)	MLHG Overflow	0	0	0	0
BSE	Uniform Call Distribution	MLHG UCD Line Hunting	0	0	0	0
BSE	Uniform Call Dst (Queing)	MLHG UCD with Queuing	0	0	0	0
BSE	Hunting Service	Multiline Hunt Group	100	100	100	100
CNS	Message Waiting Indicator	MWI-Ability to Receive AUD Msg Wtg	0	0	0	0
CNS	Electronic Business Set Msg Wtg	MWI-Ability to Receive Vis Msg Wtg	0	0	0	0
BSE	MWI Activation (Audible)	MWI-Activation (Audible)	0	0	0	0
BSE	Electronic Business Set Msg Wtg	MWI-Activation (visual)	0	0	0	0
BSE	Customer Network Reconfiguration	Network Reconfiguration	0	0	0	0
BSE	Preselection for Data Services	Preselection for Data Services	0	0	0	0
BSE	Reverse Charge Acceptance (Packet)	Reverse Charge Acceptance (Packet)	0	0	0	0
BSE	Secondary Channnel	Secondary Channel Capability	0	0	0	0
CNS	Select Call Forwarding	Selective Call Forward	100	100	100	100
CNS	Call Screen	Selective Call Rejection	100	100	100	100
CNS	Network Speed Calling	Shared Speed Calling	75	75	75	75
CNS	Speed Calling (8 & 30 Number)	Speed Calling	100	100	100	100
BSE	Svc Code Denial on Ln or Hung Grp	Svc Code Denial on Ln or Hunt Grp	0	0	0	0
BSE	Tandem Routing	Tandem Routing	100	100	100	100
BSE	Call Transfer	Three Way Call Transfer	75	75	75	75
BSE	POLLSTAR (Vfy Integrity of Sub Lns)	Verify Integrity of Subscriber Lns	100	100	100	100
CNS	Warm Line	Warm Line	0	0	0	0

PACIFIC COMPANIES

January 1, 1998 through December 31, 1998

NEW ONA REQUESTS VIA PACIFIC COMPANIES 120 DAY PROCESS

Pacific Companies have no new ONA requests to report.

PACIFIC COMPANIES

January 1, 1998 through December 31, 1998

**ONA SERVICE REQUESTS PREVIOUSLY DEEMED TECHNICALLY
INFEASIBLE**

Calling Directory Number Delivery via BCLID (BSE)

Federal and State waiver effective – California

Federal and State waiver effective - Nevada

EXHIBIT D**PACIFIC COMPANIES****January 1, 1998 through December 31, 1998****BSEs UTILIZED BY PACIFIC'S ENHANCED SERVICES OPERATIONS**

The following BSEs are being provided by the Pacific Companies to our enhanced services operations for the provision of enhanced services:

<u>Uniformity Name</u>	<u>Tariff Name</u>
Called Directory Number Delivery via DID	Direct Inward Dial Service
Message Desk (SMDI)	Forwarded Call Information
Multiline Hunt Group	Hunting Service
Multiline Hunt Group- Uniform Call Distribution Line Hunting	Uniform Call Distribution

EXHIBIT E**SS7 DEPLOYMENT SCHEDULE¹**

LATA	1998	1999²	2000³	2001⁴
722 - SF	100	100	100	100
724 - CHICO	100	100	100	100
726 - SACR	100	100	100	100
728 - FRESNO	100	100	100	100
730 - LA	100	100	100	100
732 - SD	100	100	100	100
734 - BAKERSF	100	100	100	100
736 - MONTEREY	100	100	100	100
738 - STOCKT	100	100	100	100
740 - SLO	100	100	100	100
TOTAL PACIFIC BELL	100 %	100%	100%	100%
TOTAL NEVADA BELL	89%	95%	100%	100%

¹ TR - 317 and TR-394 are being deployed on the same schedule.

² 1999-2001 numbers are planning numbers based on our dial with dial schedule; they will be finalized at the beginning of respective years.

³ See Footnote 2 above.

⁴ See Footnote 2 above.

ISDN DEPLOYMENT SCHEDULE⁵

LATA	1998	1999	2000	2001
722 - SF	98	99	99	100
724 - CHICO	100	100	100	100
726 - SACR	100	100	100	100
728 - FRESNO	100	100	100	100
730 - LA	96	99	99	100
732 - SD	100	100	100	100
734 - BAKERSF	100	100	100	100
736 - MONTEREY	100	100	100	100
738 - STOCKT	95	99	99	100
740 - SLO	100	100	100	100
TOTAL PACIFIC BELL	97%	99%	99%	100%
TOTAL NEVADA BELL	82%	95%	96%	100%

⁵ These figures reflect the number of network access lines served from wire centers having at least one ISDN equipped switch, expressed as a percentage of total access lines. These figures do not include PRI, which is deployed based on customer demand. The figures do not include ISDN availability via Alternate Serving arrangement ("ASA") or Pacific Bell's ability to "bring" ISDN to non-ISDN wire centers by transporting it from a distant ISDN capable office.

AIN DEPLOYMENT SCHEDULE⁶

Company	1998	1999	2000	2001
PACIFIC BELL	89%	95%	100%	100%
NEVADA BELL⁷	82%	95%	100%	100%

⁶This represents the percentage of Pacific Bell access lines that are AIN capable.

⁷Nevada Bell is in the business planning process, and no deployment figures are available at this time.